

1 **ABSTRACT OF THE DISCLOSURE UNDER 37 C.F.R.1.72(b)**

2 A method by which a user can modify or interact with a computer
3 controlled measurement process at one or more specified points within the
4 code controlling the process. These points are called variation points and are
5 inserted by the designer at points in the code where a designer anticipates
6 that a user may want to interact with or modify the process. In operation,
7 when a variation point is reached, control passes to a user-defined process or
8 subsystem. The user-defined subsystem performs one or more actions,
9 including modification of measurement data, control of a device being tested
10 and variation of numerical and control parameters defining the measurement
11 process. Control may then be passed back to the measurement process.
12 Subsequent operations performed by the measurement process may be
13 affected through the numerical and control parameters.